

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	East Germany/USSR	REPORT	
SUBJECT	(1) VYBORG Class Freighters Being Built at VEB Warnowwerft, Warnemuende (2) Information on Work in Progress at Warnowwerft	DATE DISTR.	15 SEP 1964
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1. The Soviet designation for the VYBORG class of vessels is VYATKA. The East German designation is Type VI. (The SCHWERIN class, one of which is the Cuban flag ship SIERRA MAESTRA, is Type IV; the SIERRA MAESTRA was the last of this class to be built). The ships are single-screw 12,000 dead weight tons. They are powered by single diesel engines of the two-cycle supercharged nine-cylinder direct drive MAN pattern. The engines are of 8,000 BHP. The shaft operates at 185 full and 170 revolutions per minute normal. (The SCHWERIN class shaft operates at 225 full and 215 revolutions per minute normal). The first three vessels of the class--the VYBORG, the VYAZMA, and the VELIKIE LUKI--are equipped with original MAN engines made in West Germany. The remaining vessels in the class will be equipped with East German copies of these engines made by VEB Dieselmotorenwerk, Rostock (DMR). The ships have a cruising speed of 16.5 knots. They have a 380-volt alternating current electrical system, with a two-wire grounding system. (The SCHWERIN class have 220-volt direct current electrical systems with one wire grounding). The generators are manufactured by SKL<sup>1</sup> of Brandenburg and the radar by the USSR. The ship is equipped with five-ton winches. The closing system for the hatches and between deck floors is a French hydraulic system. The ships have five holds: #1 with two between-deck partial floors, 15 by eight meters; #2 with one between-deck partial floor, 15 by eight meters; #3 with one between-deck partial floor, 30 by 10 to 12 meters; #4 with one between-deck partial floor, 15 by eight meters; #5 with one between-deck partial floor, 15 by eight meters.

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GROUP 1  
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STATE	DIA	ARMY	NAVY	#	AIR	NSA	OCR
(Note: Field distribution indicated by "#")							

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2. The first two vessels of the Type VI class, the VYBORG and the VYAZMA, were previously delivered to the USSR. The VELIKIE LUKI was in the final stages of being fitted out during late June 1964. It was to be delivered to the USSR by the end of June. During late June 1964 there were three other vessels of this class besides the VELIKIE LUKI being constructed: one was not yet launched, one to be sold to Norway was launched in late June, and two others built for the USSR were launched but not yet ready for sea trials.

3. The USSR has ordered a total of 14 vessels of this class at a unit cost of \$3,500,000.

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4. On its final test run, the VELIKIE LUKI evidenced trouble with the cam shaft of the engines; otherwise, it appeared to be operating normally.

5. During May and June 1964 the Warnowwerft was working two shifts of seven hours each, six days a week. Also working at the shipyard was a detail of 20 to 30 prisoners, who were used for painting and cleaning of the hulls, etc. These prisoners appeared to be about 17 to 20 years of age, and they were marched to and from the yard in detail by two policemen, with one prisoner acting as a warden in charge. Their clothing had a yellow stripe on the side of the trousers, on the shirt sleeves, on the back of the shirt, and on the hat.

6. In late May or early June the sabotage of the machinery used to test the propeller in static position water testing was noted. The equipment had been sunk at the bottom of one of the slips. two employees of the shipyard had been executed (sic) and four more were in jail three days after the sabotage was noted.

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2. [Redacted] Comment:

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East Germany has abolished capital punishment. There is no record of such sentences. The term "executed" may be the result of faulty translation.

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